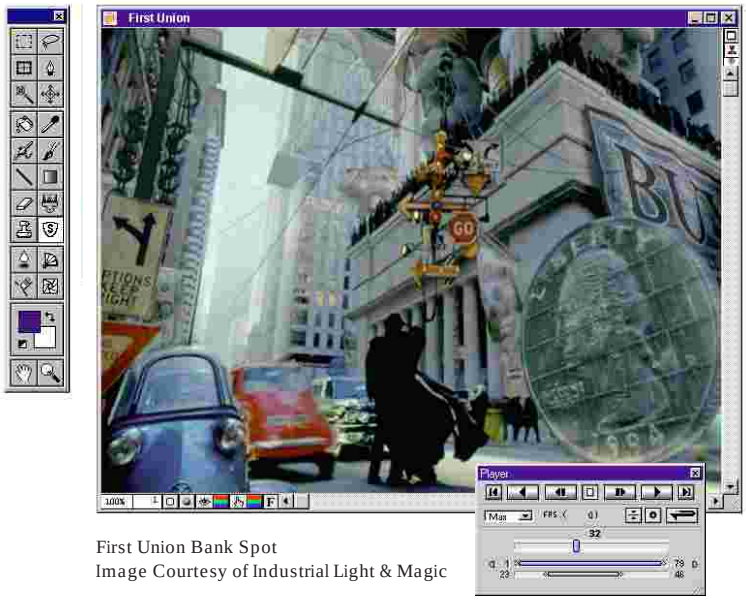
commotion™

version 2.0

Keep up with your imagination

Now available for Macintosh® and Windows NT®, Commotion™ is a comprehensive visual effects package for professionals working in video, film, and digital content creation. Whether you're doing corporate video design or motion picture effects, Commotion's creative tools and integration are what you need to turn your vision into reality.



First Union Bank Spot
Image Courtesy of Industrial Light & Magic

Creative Tools

The creative tools in Commotion are familiar and easy-to-use. Clone, transform, transfer, and combine images to create original motion graphics. Add filter effects and animate paint and FX brushes over clips for original 2D animations. With the added support for 3rd party plug-ins and multiple undo for paint and rotoscoping operations, your creative capabilities are virtually limitless.

Commotion also includes powerful rotoscoping tools for creating high quality animated mattes. With the ability to use an unlimited number of keyframeable bezier and b-splines, you can produce detailed mattes of multiple objects that lead to the best composite. The rotosplines can even be animated over your clip before rendering, to ensure proper placement and motion.

Integration

The integrated Motion Tracker lets you select as many objects as you want and track their position within a clip. Using the tracker data, you can automatically paint objects in or out of clips, change perspective, stabilize shots, and automate rotoscoping. Tracker data can also be used within the effects editor so your filter effects can follow tracked objects.

PUFFIN DESIGNS

created by Scott Squires

visual effects pioneer at
Industrial Light & Magic
and founder of Puffin Designs

commotion™ 2.0

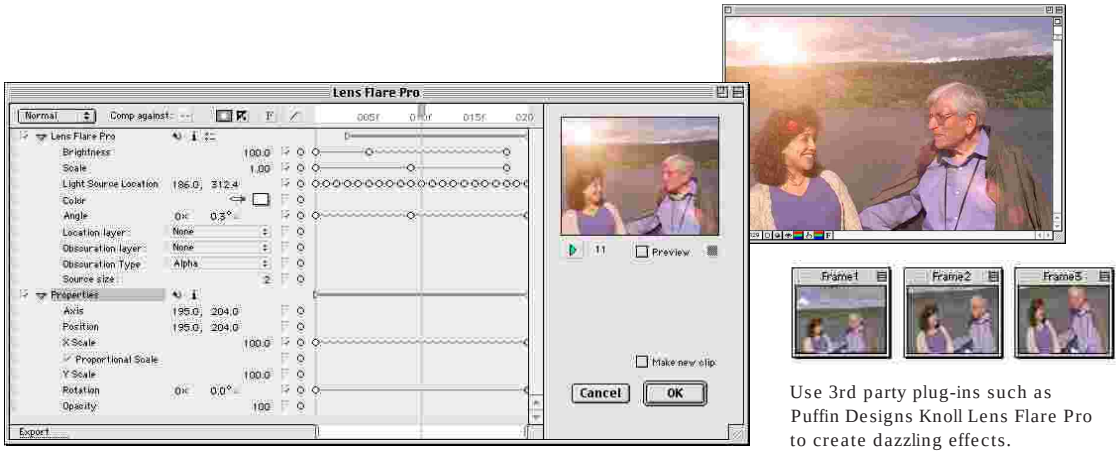
key features

Image Editing and Effects

- Instantly combine images using the SuperClone tool.
- With AutoPaint, automatically repeat brush strokes over frames to animate, cycle, or wiggle your strokes.
- Create image effects and distortions using effects filters.

Trace images to create original animation from clips using overlay composite.

- Choose from hundreds of FX Brushes including chalk, crayon, charcoal, and neon or create your own brush from illustrations and still images.
- Use multiple undos with paint and rotoscoping operations.
- Edit individual video fields or frames with the click of a button.
- Stroke splines with any brush for vector animation.
- Colorize scanned 2D pencil line drawings using Cartoon Fill.
- Use Motion Text to edit and adjust animated TrueType™ and Postscript ™titles.
- Apply and keyframe filter effects for color correction, keying, blurring/sharpening, and geometric image transformations.
- Supports 3rd party plug-ins, such as Puffin Designs Knoll Lens Flare Pro™, Composite Wizard™, and Image Lounge™ effects packages, as well as Final Effects Complete™ and dozens of others.



Use 3rd party plug-ins such as Puffin Designs Knoll Lens Flare Pro to create dazzling effects.

Our Users

broadcast/post

Amoco Spot
Cutters, Inc.

First Union Bank Spot
Industrial Light & Magic

multimedia

NHL '99 Intro. Video
©1998 Electronic Arts, Inc

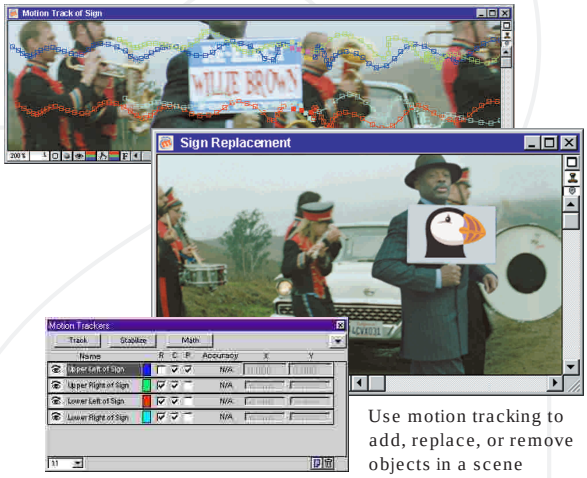
Matte Creation

- Unsurpassed speed at creating quality mattes.
- Use an unlimited number of bezier or b-splines.
- Set independent velocity curves for splines.
- Create intersections and overlays of rotospline paths for complex mattes.
- Interactively rotate and scale splines.
- Feather spline edges inside/outside the spline shape or centered along the spline path.
- Automatically generate camera motion blur for ultra realistic mattes.
- Playback your splines over the clip without rendering.
- Modify multiple points on a curve across all keyframes automatically.

Use Commotion's unsurpassed rotoscoping tools to create amazing composites

Integrated Motion Tracking

- Create an unlimited number of trackers.
- Use two-point tracking for scale and rotation and four-point tracking for corner pinning.
- Stabilize footage using position (individual X/Y axis), rotation, and scale.
- Control sub-pixel tracking precision.
- Interactively edit points with track data overlay.
- Track obscured objects that go-off screen or go behind other objects.
- Automate rotospline placement based on tracked movement.
- Automate clone and brush strokes.
- Export tracked data to other applications.
- Export Pan and Tilt data to your 3D application to match move
- 3D characters or objects to live action plates.



Use motion tracking to add, replace, or remove objects in a scene

film

Pleasantville
©1997 New Line

Mighty Joe Young
Matte World Digital

animation

Pett Cafe
Klacto Animation

Kraft Singles Spot
Reality Check Studios

commotion™ 2.0

PUFFIN DESIGNS

what the press is saying

"Learning to work with Commotion™ is easy, especially for users who are familiar with Adobe® Photoshop®... Commotion's toolset is a visual effects artist's dream, featuring tools common to both animation and effects programs (many with some insightful improvements)."
Robert Gerhart, Television Broadcast

"[Commotion] is a significant addition to the desktop mediamaker's core kit. In short, it is a painting, rotoscoping, and compositing system for video and film res media, utilizing RAM to play back footage in real time. More significantly, however, it allows the small to midsize studio to leap several levels higher in the scope of the work that they can efficiently and confidently handle."
Zsolt Luka, Res Magazine

There are techniques that can only be accomplished in Commotion, not with any combination of After Effects® and Photoshop®, or any other Mac-based software. It almost goes without saying that its real-time playback function is a godsend. No other program can play back as many frames with the smoothness and reliability of Commotion."
Todd Vaziri, TV Technology

"...Commotion software...features powerful rotoscoping, special effects and paint tools. An interesting feature of this tool is the ability to place as many trackers as desired and have them drive other tools such as the SuperClone or Rotosplines. Using trackers with Rotosplines lets you automate a rotoscoping session and saves a tone of time . . . What makes Commotion special is it lets you play uncompressed video in real time, directly from RAM. This feature lets you see results in real time instead of having to output them to a playback device for final evaluation."
Paulo de Andrade, DCC Magazine

Macworld BEST of SHOW 1997 BOSTON EXPO

Editor's Choice SIGGRAPH '97 AV Video & Multimedia Producer

NEWMEDIA MAGAZINE HYPER AWARD 1998

MAC ADVISOR RATED FREAKIN' AWESOME!

Macworld 1/2

VIDEO multimedia producer PLATINUM AWARD

eMedia DIGITAL MEDIA AWARD 98 FINALIST

1998 Eddy WINNER Macworld

1998 VIDEO SYSTEMS VANGUARD AWARD

MACINTOSH SYSTEM REQUIREMENTS

PowerPC™ -based Macintosh computer.
System 8.0 or higher.
Minimum 64MB available RAM for full-resolution video playback.
100MB available RAM or more for full-resolution film playback.
10MB hard-disk space available.
CD-ROM drive (to install software).
QuickTime version 3.0 recommended.

WINDOWS NT SYSTEM REQUIREMENTS

Intel® Pentium® processor.
Microsoft® Windows NT® 4.0 or later operating system.
Minimum 64MB RAM for full-resolution video playback.
100MB available RAM or more for full-resolution film playback.
20 MB hard-disk space available.
CD-ROM drive (to install software).
QuickTime version 4.0 required.

Puffin Designs
80 Liberty Ship Way, Suite 7
Sausalito, CA 94965
tel 415.331.4560
fax 415.331.5230

@ www.puffindesigns.com

© 1999 Puffin Designs, Inc. All Rights Reserved. Features and specifications subject to change. Commotion is a trademark of Puffin Designs, Inc. All trademarks are the property of their respective holders.